



OTVARC Oscillator

The Oregon Tualatin Valley Amateur Radio Club Newsletter

May 1996 Issue

May Presidents Column - Jim Schaeffer KB7ADH

*Hooray, Hooray its May.
Antenna and tower weather is here to stay.
At least until the rains started again today!*

So much for my poetic abilities. Its the time of year when we can begin "real" (Sorry Neal it just slipped out) work on all those antenna projects we have been dreaming up all winter. Its also time to renovate what was up in the air all winter in the rain, snow and wind. Whatever the project you have in mind remember two things; 1-SAFETY FIRST and 2-Call on your fellow OTVARC members for help. So, if you need help with an Antenna or Tower project, call me (245-2518) and I will locate OTVARC members who can help.

The next Project Night on May 21 is also about antennas. We will build 2 meter roll-up J-pole antennas. This is a great project. I have one of these that I carry in my briefcase with my hand-held when I travel on business. When I get to the hotel room, I pin it up near a window and with my handheld can usually chat on or monitor several repeaters which would be marginal with just a rubber duck.

May also means less than a month to SEA PAC. If you haven't volunteered to help at SEA PAC, remember SEA PAC is what helps finance most OTVARC programs and events!!! People are still needed to help in all areas; Security, Exhibit Set-up, Flea Market, Ladies Programs, Exhibitors Hospitality, Registration. Whatever your interest, we can use your help. Even if you don't have your license you can still help. Family members can help too! Sign up at the May club meeting. SEE YOU AT SEA PAC!!

The April Fools 2 meter simplex contest was great fun. Results and awards will be announced at the May club meeting. I copied nearly everybody from my secret hill in the land of 98XXX Zip Codes. There were only 2 stations that I didn't hear and about 3 more that I couldn't work. KF7QS became a "rare one" when he suddenly appeared with only a couple minutes left in the contest. I couldn't break the pile-up to work him. Next time maybe I won't turn down the 160 watt linear I was offered loan of! We will have this contest on the 5th Wednesday of every month that has a 5th Wednesday. The next one is May 29.

There are lots of other volunteer opportunities. Here are some:

- WILSONVILLE HIGH SCHOOL NEEDS 1 OR 2 ELMERS TO HELP WITH STUDENTS INTERESTED IN HAM RADIO — Call Brad N7NVC.
- ROSE FESTIVAL & STARLIGHT PARADES NEED HAM RADIO OPERATORS Call Barry WB7WTD.
- FIELD DAY COMMITTEE NEEDS HELP IN ALL AREAS — Call Carl WS7L.
- OTVARC PROGRAM IDEAS NEEDED — Call Neal WA6KLA.
- OREGON RALLY GROUP NEEDS HAMS TO HELP WITH OFF ROAD CAR RALLY NEAR VERNONIA JUNE 8 — Call Simon Levear 598-8588.
- INTERESTED IN STARTING A BUNNY (HIDDEN TRANSMITTER) HUNTING GROUP — Call Randy KZ7T.

Other news includes the word that Buckmaster is working on a new CD ROM Callbook that will include photos of the hams listed. Chuck KI7CL has arranged to take these photos at club meetings. We need to submit the photos to Buckmaster in groups of 10. For every 10 photos we send in we get one CD ROM. Roger KA7RNN won the first one from the group taken at the April Club meeting. If you are interested, see Chuck KI7CL at club meetings.

For the April club meeting we had a good professionally produced video on "The Last Voice From Kuwait". It told the story of the Kuwaiti Ham who stayed on the air from Kuwait during the Iraqi occupation. It described the real story of a Ham risking his life for his country. We also had another successful door prize drawing. KB7POR seems to be on a lucky winning streak and KC7PS has a brand new shiny red two drawer tool box. How come I never win???

One more thing and then I'll quit babbling for this month. HAVE YOU REGISTERED FOR SEA PAC YET?

AAAAAAAAdh

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1. Meeting called to order by President Jim Schaeffer.
2. Those in attendance: Jim Schaeffer, Alan Chinnock, Janet Bell, Stan Griffiths, Brad Beach, Chuck Mickley, Wes Allen.
3. Minutes were not read and approved as the newsletter was not available.
4. Secretary's Report:
A few more people have renewed.
Most of the catalogs for the kit project night have arrived.
The Sectreatry is working on a project to establish an ARES group to support the CERT program in Lake Oswego. The plan has been approved by the fire, police and communications departments.
5. Treasurer's Report
Budget for 1996 was presented. Move, seconded and passed to accept the budget for 1996. The budget will be published in the next newsletter.
6. Vice-President Report
None. Suggestion for meeting program: Demonstration of Ham Radio - Internet connection.
7. Move, seconded and passed to move the board meetings to the TVF&R fire station on Blanton starting with the June meeting.
8. Our Home Page is up and running.
9. 501c3 - Stan Griffiths presented the start of a list of pros and cons for the 501c3 tax status.
10. The 146.90 repeater is off the air until further notice. Its controller has been moved to the 440.350 machine.
11. Equipment Loan - Stan Griffiths will write an article for the newsletter.
12. Activity suggestion - station tours.
13. Adjourned 8:42 pm.

Respectfully submitted Alan R. Chinnock Secretary

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INTRODUCTION TO PACKET RADIO - PART 12 - by Larry Kenney, WB9LOZ

The National Traffic System, known as NTS, is the ARRL sponsored Amateur Radio message handling network. Packet radio is now playing a very important part in the network, so let's take a look at the system and give you some tips on handling NTS traffic by packet.

Handling third party traffic is the oldest tradition in amateur radio. Nationwide, the National Traffic System has hundreds of local and section nets meeting daily in order to facilitate the delivery and origination of such messages. More and more of this traffic is being originated, relayed, and delivered on packet. If you enjoy traffic handling, you can easily get involved in NTS via packet. If you're on packet but know nothing about NTS, this part of the series will get you off to a good start. At the end you'll also find some references for further information on NTS.

Local packet BBSs have to be checked daily for traffic that needs to be delivered or relayed. When you check into your local BBS, enter the LT command, meaning "List Traffic". The BBS will sort and display a list of all NTS traffic awaiting delivery. It'll look similar to this example:

MSG#	STAT	SIZE	TO	FROM	@BBS	DATE/TIME	SUBJECT
7893	T	486	60625	KB6YZ	NTSIL	1227/0712	QTC1 CHICAGO, IL 312-267
7805	T	320	06234	K6TP	NTSCT	1227/0655	QTC1 NEW HAVEN, CT
7854	T	588	93432	KA4YEA		1227/0625	QTC1 CRESTON, CA 93432
7839	T	412	94114	KK3K		1227/0311	QTC1 SAN FRANCISCO 415-821
7781	T	298	94015	W1KPL		1226/2356	QTC1 DALY CITY, CA 415-992

You might see traffic that is being relayed by your local BBS to some other part of the country as well as traffic for your local area. The "Subject" or "Title" column of the listing will show the destination of the traffic. If you see a message that is within your local area, help out and deliver it.

RECEIVING A MESSAGE: To take a message off of the Bulletin Board for telephone delivery, or for relay to a local NTS net, enter R followed by the message number. Using the list above, R 7839 would send you the message from KK3K for San Francisco. You'll find the message in a special NTS RADIOGRAM format, with a preamble, address, telephone number, text and signature, ready for delivery. After the message has been saved to your printer or disk, the message should be erased from the BBS. You use the KT command, which means "Kill Traffic", followed by the message number. In this case you would enter KT 7839 to erase the message you took from the BBS. This prevents the message from being delivered again by someone else.

DELIVERING OR RELAYING A MESSAGE: Once you have received the NTS Radiogram, it should, of course, be handled expeditiously. If it's for your immediate area, you should deliver the message by telephone. If you took the message for delivery to the local traffic net, you should make an effort to see that it gets relayed as quickly as possible.

SENDING MESSAGES: Any amateur can originate a message on behalf of another individual, whether the person is a licensed amateur or not. It is the responsibility of the originating amateur, however, to see that the message is in proper form before it's transmitted. A special format is used for NTS traffic so that the messages are compatible across the entire network. Each message should contain the following components in the order given: number, precedence, handling instructions (optional), the station of origin, check, place of origin, time filed, date, address, telephone number, text and signature.

When the message is ready to be entered into your local BBS, you must use the ST command, which means "Send Traffic", followed by the zip code of the destination city, then @ NTS followed by the two letter state abbreviation. The form used is ST ZIPCODE @ NTSxx. A message being sent to Boston, MA 02109 would be entered as follows: ST 02109 @ NTSMA and a message for Iowa City, IA 52245 would be entered as ST 52245 @ NTSIA. The message SUBJECT or TITLE should contain "QTC 1" followed by the destination city and state and the telephone area code and exchange, if available. See the examples in the listing above. Only one NTS message should be included in each packet message. The actual radiogram should be included entirely within the TEXT of the packet message, including all of the components listed above. End the message with the usual Control-Z.

Net Frequencies and Times - Bill Merwin - N7VZF - ARES District 1 Net Manager

Several times, I have written about the various nets that meet and why. At a membership meeting, meeting, I asked who knew information about the various ARES nets and frequencies. It seems that there are a fair amount of people, who have 2m capabilities who are unsure of the information concerning time, place and frequencies of their local nets. The following should help. Hope to catch you on one or more of the nets listed.

District 1 ARES	7:30 PM	147.32	Daily
District 1 Emergency Net		147.32	Activated during large area emergencies and to facilitate traffic between county ARES emergency Nets.
Clackamas County ARES	7:00 PM	145.21	Sunday
Clatsop County ARES	7:00 PM	146.66	Wednesday
Columbia County ARES	Not net currently scheduled		
Multnomah County			
PARC	7:00 PM	146.84	Monday
HoodView	7:30 PM	147.28	Wednesday
Tillamook County ARES	7:00 PM	147.22	Thursday
Washington County ARES	7:00 PM	146.90	Every Tuesday except 2nd Tuesday which is meeting night.
Yamhill County ARES	7:15 PM	146.64	Thursday

Group / AgencyFrequencyType

Clackamas County (CARES)	147.21	R	
Clackamas County (CARES)	146.94	R	
Clark County ARES	147.24	R	
Clark County ARES Simplex	147.50	S	
Clatsop County ARES	146.66	R	(Local Tactical)
Clatsop County ARES	146.76	R	(Wide Area Coord.)
Clatsop County ARES (Simplex)	146.52	S	
Cowlitz County ARES	147.26	R	
Columbia County ARES	145.35	R	
Columbia County ARES Simplex	145.35	S	(use repeater output)
District 1 Emergency Net	147.32	R	
District 1 Net Alternate	147.04	R	
District 1 Net (Secondary)	146.48	R	
Hoodview (Multnomah County)	147.28	R	
Hoodview Simplex	147.48	S	
OTVARC (Washington County)	146.90	R	(tone 127.9)
OTVARC Simplex	147.42	S	
OTVARC UHF	440.35	R	(Tone 127.9)
PARC (Multnomah County)	146.84	R	
PARC Simplex	145.73	S	
TERAC Operational	146.58	S	
Tillamook County ARES	147.22	R	
Washington County ARES	146.90	R	
Washington County Simplex	147.40	S	
Yamhill County ARES	146.64	R	
Yamhill County ARES Simplex	146.43	S	



HEALTH AND WELFARE

Hanford VanNess, KE7BB, is at home recuperating from a very bad leg break. Van is no spring chicken so can you believe his mom is helping him out? Thats great! What is not so great for the club is Van was in charge of SEA-PAC registrations and now will ;not be able to fulfill that duty. HELP is needed on-site and if you are willing, give a call so we can get your name on our committee list. Thanks and good luck to Van. Get well fast!!
Mary-N7TRW

News From All Over

ARES and CERT Alan Chinnock KB7POR
Don't you just love the abbreviations.

ARES = Amateur Radio Emergency Service
CERT = Community Emergency Response Teams

I recently joined the CERT program in Lake Oswego. This program, under the direction of the Fire Department, is training citizens of the community to assist in large scale disasters. The big earthquake, of course, is the primary target. We got a little practice during the recent floods.

After the initial training I volunteered to be on the CERT Steering Committee. This group will take over the operation of the CERT program in the long run, although still reporting to the Fire Department. Within this group I have been working to add Amateur Radio to the program to provide communications.

I have made presentations to the City (Fire, Police, and Communications) and to the CERT Steering Committee. Both groups have given the go-ahead to set up an ARES program to augment the CERT program. We will start by inviting the Hams in the Lake Oswego area to an informational meeting on May 7th. What happens after that will be up to the Hams that attend.

This has been very exciting, finding a governmental organization that really wants Ham radio added to their system. I am looking forward to our future in this endeavor. I may be around to ask a few questions. I have never done this before and I may need a little help.

Buckmaster CD-ROM Disk winner

By Chuck Mickley

At the April Club meeting, we took photographs of 13 willing club members for an upcoming Buckmaster CD-ROM. Since Buckmaster bribed us by promising a CD-ROM for every 10 pictures we submit, we raffled off the CD-ROM to those who participated. And the lucky winner is....Roger Noyes, KA7RNN. Congratulations to Roger, and thanks to all those who participated. Sorry, no make-up pictures will be taken!

VOLUNTEERS REQUESTED TO WORK ROSE PARADES

ROSE FESTIVAL will be here sooner than you think! We're already looking for volunteers to work the two parades. Here's your chance to view the parades from inside the "Pink Line".

The **STARLIGHT PARADE** is the same weekend as the SEAPAC convention (Saturday, June 1, 1996). So, if you're not going to spend the entire weekend there, we could use 2-meter & 440 operators to each cover (walking back and forth) about a 3 block range along the parade route. We'll need about 15 operators (which is always a challenge when most hams are busy tiptoeing through tables of tremendous treasures tantalized by tempting terrific trades & transmutations.) It's a long time to June, so please be reasonably certain that you'll be able to work the parade if you volunteer.

The **GRAND FLORAL PARADE** (Saturday, June 8, 1996) has many operators already, however, each year there is some turn over. If you would like to be placed on a list of potential volunteers, please give me a call.

The **Portland Rose Festival Association** is grateful to the many hams who operate each year and to **ARRG** whose repeaters are used for these events. They say **THANK YOU!**

CONTACT: Barry Carlson (WB7WTD) 245-8279(eve); 254-1265 (days).

Road Rally Cancelled:

"The Road Not Taken" rally, which runs between McMinnville and Lincoln city, normally on the weekend of the August full moon, has been cancelled for '96. This rally was supported by members of the club last year. Due to the February floods, most of the roads used by the rally are unpassable. The organizers say it will be many months and most of the coming year until forestry and private landowners can reopen the back roads used by the rally - *The MARC Wireless*

The TV Twinlead Emergency Antenna, Revisited

By Stanley Kaplan, WB9RQR

Emergency Coordinator, Ozaukee County

Reprinted from "ARRL Field Forum" - April '96 issue

My ARES/RACES group has made extensive use of the VHF emergency antenna published ago by Julio Ripoli, WD4JNS, in the Emergency Coordinator's Manual. Basically a J-pole, it is a wonderful antenna with many desirable characteristics. It can be coiled up in a small space and stored in a briefcase, purse or knapsack, and is simply uncoiled and hung up for emergency use with an HT. There are no dangerous radials to poke eyes or other body parts, and it takes very little space even when extended, making it ideal for use in shelters or other cramped quarters. It is inexpensive to make, requiring only an appropriate connector to mate with the rig, six feet of coax, and about 5 feet of 300 ohm TV twinlead (ed note - use the cheap non-foam type). In our experience, it always works well, and offers much improvement on both transmit and receive over the performance of a rubber ducky or other style of HT antenna. The antenna worked so well for us that we began putting it to use in other situations. We pinned up versions for emergency packet work, and several of us began to mount it inside CPVC pipe for permanent installation at home. Typically, our design for the plastic pipe housing is very simple; 1/2 inch CPVC to house the antenna, joined to 3/4 inch CPVC for added stiffness, height and convenient clamping to wherever it was mounted on a building.

(Article continues and will be available at the antenna project night - May 21, 1996)

Additional notes from Bill:

If any of you were wondering if the 300 ohm J-pole really worked, ask me about my "Backpack Portable" that I have used at some of the public service events. It works well enough that I am able to work simplex from downtown Portland to near the airport with my hand-held running 3 watts.

From: Satellite Station - W7KJZ

* MIR NEWS *

Just a reminder that Mir has once again become active with a communications downlink of 143.625 MHz when over the United States mainland. Strong signals can be copied from Mir on this frequency.

In other Mir news, Shannon Lucid has been heard making frequent Amateur Radio contacts on 145.550 MHz. It is also interesting to monitor both 143.625 MHz and 145.550 MHz during a Mir pass. Sometimes Shannon can be heard in the background on 143.625 MHz as she works stations on 145.550 MHz.

Douglas Quagliana, KA2UPW, reports that the Columbia Broadcasting Company (CBS), along with NASA and the Russian Space Agency have agreed to send the CBS World News Report and presumably some other CBS News reports to Shannon Lucid during her stay on the Russian space station MIR. CBS announced that they would be continuing to send news updates to MIR for the next two years to allow future astronauts and cosmonauts to keep up with current events.

* SSTV ON OSCAR-13 *

Slow-scan television (SSTV) communications have been taking place on AMSAT-OSCAR-13 for a number of years. Signals are reported to be very strong prior to and immediately after scheduled Mode S periods. SSTV quality is directly dependent on signal strength so now is the time get your best pictures on the air.

Slow scanners are invited to join the SSTV sessions on OSCAR-13, which take place on a downlink frequency of 145.955 MHz. An SSTV net meets at 45 minutes before Mode S, and on Mode B following Mode S on Saturdays and Sundays. This is NOT a formal net. Feel free to join the group at any time, but DO ask for your turn in the queue.

* AMSAT-OSCAR-13 SCHEDULE *

The re-orientation to attitude ALON/ALAT 180/0 is complete, and the new transponder schedule is now in place this means AO - 13 is much easier to work during perigee for those in North America.

* AMSAT Annual Meeting *

The 1996 AMSAT Annual Meeting and Space Symposium will be held on November 8-10, 1996 at the Holiday Inn, City Center in Tucson, AZ.

* AEA DSP-232 Goof *

In my March 15 OSCAR Satellite Report, AEA announced that they would not be providing the Manchester encoding and the 400 baud bps telemetry modems with the new DSP-232 TNC. This brought about a large outcry from the satellite user community. Mike Lamb, N7ML, claims he received calls from about every satellite user stating this was an unwise decision. In the April 1 edition, (no foolin) Mike stated he has reversed his earlier decision and will provide these modems with the DSP-232 some time before the launch of P3D!

* Cassini Mission * from the OSCAR Satellite Report

Remember the NASA Cassini mission to Saturn in 1997? It will orbit Saturn for four years gathering data on Saturn, its rings, magnetic environment, and moons. It will launch an atmospheric probe onto Saturn's moon Titan. I am mentioning this because you have a chance to have your signature on board the Cassini satellite. Just send it on a plain post card to: Suzanne Barber, MS 264-441, Jet Propulsion Lab, 4800 Oak Grove Drive, Pasadena, Ca. 91109. Once received it will be scanned it will be loaded onto a CD ROM or other digital media and then mounted onto the Cassini during final assembly. Multiple signatures on the same post card are acceptable. Sorry no e-mail.

73 de Dick - W7KJZ @W0RLI.#NWOR.OR.USA.NOAM.ZIP97219



From the Secretary Alan Chinnock KB7POR

How big should our club be? The general consensus is that it should be bigger. Bigger of course would mean more people with more interests doing more things. This would be a good thing. We all want more things going on in the club, after all this is what makes a good club.

But how do we get there? The unofficial plan in the club is to see how many people we can suck in. Put out flyers and they will come. Talk a lot about wanting new members. If a visitor should show up at the meeting bribe them with a 3 month free trial subscription to the club news letter. Make things look good with a raffle, give people an excuse to come to the meetings.

Let's use assume that a person's first experience with the club is coming to the meeting after picking up a flyer at The Toy Store. What do they really see? They will find several groups of people busy doing their group things. Hopefully someone will open a place in one of the groups and invite them in. I know I am not very good at this, I hope you are better.

Now we get the meeting. They will hear a lot of non-reports from absent people. They will hear pleas for volunteers to take on one task or another to make some portion of the club running. They probably will not see a big rush of volunteers. This should make them feel like this is a busy and active club.

What do we offer them after the meeting. Most months about all we can offer is a invitation to come back next month for more of the same. What they would probably like to see is some Ham activity they can do next Saturday with a few of the club members and get to know these people.

By now you may have gotten the idea that I am not a real supporter of the lip service we give to club growth. Do I have a better idea? I think so.

People will be drawn to a club where things are happening. If I am always talking about the activities in OTVARC and other Hams hear me, they will ask to come see this for themselves. We will not need to drag them in kicking and screaming, they will come in voluntarily. When they get here and they see people actively doing "Ham things" they will want to stay and become involved.

I suspect that many people expect the Board of Directors to initiate, plan, and run all of the activities of the club. WRONG! The board has specific duties assigned to it. These take up time. After I get done with my required job I do not have a lot of time left to plan and run activities. Besides there are 9 of us and 158 of you. The 158 of you can do over 17 times as much as we can. Now that's a lot of activity.

So let's try something different. You the members come to the board and ask us to let you do something. No reasonable plan will be rejected. Let's get your favorite idea or activity to be a part of OTVARC.

I should also take the time to thank those in the club who have already stepped up and are taking some activities and moving them along. We are making progress, but we can do a lot more.

Packet Radio to track runners using GPS

Olympic Torch run hits Oregon May 5

by Bob Kuhn, KC7YN - MARC Wireless - April '96

The Olympic Torch will pass through Oregon and the Northwest during the first week in May, and Thomas "Griff" Griffin - N7ZKL, plans to track its path using two meter packet radio. "Immediately following the Olympic flame will be a vehicle with a GPS receiver transmitting its position reports. Almost any packet station running the APRS software on a PC or Mac computer can display the location in real time on a color map on the computer's monitor!"

The torch will be lit in Athens, Greece, and land in Los Angeles on April 27. Runners plan to cross the Oregon border on May 5 in Klamath Falls, head over the Willamette Pass to Eugene, Corvallis, Salem and finish the day in Portland. May 6, the torch goes to St. Helens, then into Washington to Seattle. May 8, it will cross back in to Oregon to Pendleton, then to Boise, Idaho on its way east for a July 19 arrival at the games in Atlanta. You can get the APRS software via the Internet or by N6TR's telephone BBS. For more info, call Griff at (503) 629-8934.

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The Inventor of the **DK³** Screwdriver Antenna
(long time member of OTVARC)

DK (Don) Johnson W6AAQ has a 20+ page construction manuscript available for \$5.00. Why pay big bucks? You can build your own **CONTINUOUS COVERAGE HF MOBILE ANTENNA** with about \$40.00 worth of parts available from most do-it-yourself hardware stores.

DK Johnson Box 595, Esparto CA 95627

IN TIME OF EMERGENCY: The National Traffic System functions on a daily basis as a public service for both your fellow hams and the general public. It serves another function as well. The NTS provides a well oiled and trained national system of experienced traffic handlers able to handle large volumes of third party traffic accurately and efficiently during disasters. At least that is the goal.

REFERENCE MATERIAL: The ARRL booklet "An Introduction to Operating an Amateur Radio Station" offers detailed information on handling and preparing NTS Radiograms. The file "HOWTO.NTS" gives a complete rundown on how to prepare and send an NTS message on packet. Check your local BBS files section for it. You should also find several other files such as "DELIVERY.NTS" and "WHATIS.NTS" that will provide you with a wealth of information. Check them out if you want to get involved. Your help will be welcome.



73.....Rick - KB7OGD @ KB7OGD.OR.USA.NOAM



April Visitors

The April meeting was host to three visitors

John Hauks of Sherwood
Angela White of Canby
Matt Musslewhite NL7UZ of Juneau

Ed-Note: Any visitor who signs in with the Secretary at the monthly meeting will receive 3 months free subscription to the Oscillator.

ROHN Towers

- * New 25 and 45 in stock locally *
- * Gin Pole available for customer use *
- * Prices competitive with mail order *

Stan Griffiths, W7NI Internet: W7NI@teleport.com
18955 S.W. Blanton St. Phone: (503) 649-0837
Aloha, OR 97007-1230 FAX: (503) 591-1620

MEETING PROGRAM

"ANOTHER MYSTERY"

OTVARC PROJECT NITE

by Chuck Mickley

The first session of the new Project Nite was held on April 16th, featuring the installation of those red and black Anderson (AKA Wes Allen) connectors on the power cables of radio equipment. We had 4 people in attendance, so if you missed out this time, be sure to let your Project Nite leaders know so that we can schedule a makeup session later.

The second session on Tuesday, May 21st will feature the Twin-lead, rollup J-pole 2-M antenna. You can take it anywhere and put it up in a jiffy. One for the shack, one for the car, one for the pickup...

The third session on Wednesday, June 19th will begin the general confusion of building a kit (or kits) of your choice (so many choices, so little time).

Sessions are currently scheduled for the small Training Room at the Tualatin Valley Fire & Rescue Headquarters building, located at 20665 SW Blanton, in Aloha, between 198th and 209th, just South of TV Highway, southwest Intel and East of the fire station located at 209th and Blanton.

All sessions will be from 7PM to 9PM.

Future sessions will be planned in accordance with the desires of the OTVARC membership, so make your suggestions now.

If you have a kit that you've seen in a magazine or other source that might be of interest to others, has a complete parts, circuit board, and cabinet (if needed) available from one source, then please bring a copy of it to any of these sessions.

If you have any tools, soldering equipment, test equipment, or expertise that you are willing to donate or lend, please contact Chuck 642-1284 or Alan 636-2237. Please make sure that any tools you bring to any of these sessions are clearly marked, if you would like to donate it to the club, then mark it OTVARC.

We hope to see you there!

Tell me... how long have you been messing around with short wave?

....Ever since I got beat up by a tall WAC.

(Old WWII Joke...)

OTVARC Club Contacts

OTVARC Executive Board

President	Jim Schaeffer	KB7ADH	245-2518
Vice President	Neil McKie	WA6KLA	649-4264
Secretary	Alan Chinnock	KB7POR	636-2237
Treasurer	Brad Beach	N7NVC	657-1781
Trustee	Wes Allen	K7WWG	649-3295
Trustee	Chuck Mickley	K17CL	642-1284
Trustee	Janet Bell	WB7FJC	648-4147
Trustee	Al Berg	WB7SIC	640-5456
Trustee	Stan Griffiths	W7NI	649-0837

Other Club Contacts

ARRL Coordinator			
Bunny Hunting			
Contesting			
DX News	Rich Jones	KG7FS	645-9417
Equipment Evaluation	Randy Stimson	KZ7T	297-1175
Equipment Trustee	Al Berg	WB7SIC	640-5456
Emergency Services			
Field Day	Carl Clawson	WS7L	629-5796
Health & Welfare	Mary Berg	N7TRW	640-5456
Member Badges	Carl Clawson	WS7L	629-5796
Newsletter Editor	Bill Merwin	N7VZF	644-1974
Newsletter Layout	Bill Merwin	N7VZF	644-1974
Newsletter Distribution	Al Berg	WB7SIC	640-5456
Nominating Committee	Hanford Van Ness	KE7BB	246-7975
Packet - Club BBS	Rick Braun	KB7OGD	645-1490
Project Night	Alan Chinnock	KB7POR	636-2237
	Chuck Mickley	K17CL	642-1284
Public Relations	Bill Merwin	N7VZF	644-1974
Public Service	Randy Stimson	KZ7T	297-1175
Repeater	Wes Allen	K7WWG	649-3295
RFI & TVI			
Satellites	Dick Emmel	W7KJZ	245-1928
Scholarship	Carl Clawson	WS7L	629-5796
Sea-Pac	Al Berg	WB7SIC	640-5456
	Brad Beach	N7NVC	657-1781
	Jim Schaeffer	KB7ADH	245-2518
	Randy Stimson	KZ7T	297-1175
Technical			
Tower Ordinances	Stan Griffiths	W7NI	649-0837
Trailer	Dee Lynch	KA7NPN	646-4580
Training(Code)			
Training(Novice/Tech)			
Training(Upgrade)			
VHF/UHF	Alan Chinnock	KB7POR	636-2237

OTVARC Club Information

Purpose: The Oregon Tualatin Valley Amateur Radio Club, a Not-for-profit corporation, wants to be instrumental in helping the prospective as well as established Amateur to become a proficient communicator in the Amateur Radio Service.

Additionally, the intent is to promote the advancement of Amateur Radio Service through the following five objectives:

1. Education & Training of new and licensed Amateurs.
2. Public Service during public events & community activities.
3. Emergency communications during emergencies & disasters.
4. Hobby enhancement through meetings, nets & contests.
5. Social contact with other amateurs & interested persons.

Special Service Club OTVARC is an ARRL Special Service Club. The ARRL grants us this distinction due to our participation in emergency preparedness exercises, public service events and other service-oriented programs. In addition, continuing educational and training programs are conducted for FCC licenses. OTVARC benefits from you joining the ARRL through OTVARC. To join or renew your membership in the ARRL, contact the treasurer at any regular meeting.

Newsletter: The *OTVARC Oscillator* is the club newsletter. It is published monthly and is usually mailed on the first of the month. The opinions, views and recommendations of its contributors are not necessarily those of the Club, its officers, advertisers or the editorial staff.

Correspondence: All correspondence may be sent to OTVARC, PO Box 5132, Aloha, OR 97006-0132.

Advertising: Classified ads are free to all paid up members. Display ads are available to approved commercial interests. To place an ad, mail your camera ready copy to the address above and indicate the size desired. All display ads run for six months at a time from January through June and July through December. All ads must be paid for in advance. Rates for 1994 are as follows:

Full Page	8" X 10"	\$200 for 6 mo.
Half Page	8" X 5"	\$125 for 6 mo.
Qtr Page	4" X 5"	\$75 for 6 mo.
Bus. Card	2" X 3"	\$35 for 6 mo.

Meetings: We have two meetings per month. The board meeting is on the first Wednesday of each month. All club business is conducted at this meeting. All members are welcome to attend. Contact the President for location and time. The general meeting is on the second Wednesday of each month at the Beaverton Elks Club, 3500 SW 104th Ave. (1 block north of Canyon Road). Meetings start at 7PM. If you would like to come early, you can get a nice meal from the Elks for less than \$6.

Membership OTVARC is open to anyone who is interested in amateur radio. You do not need to be a licensed radio amateur to join. Dues are as follows: Full member, \$10/yr; Associate member (non-licensed), \$10/yr; Family members of full member, \$5/yr; Life memberships available - see Treasurer. Only full members and life members may vote on club business and serve as club officers. All memberships expire on the last day of the calendar year. If you would like to join during the year, see the club Treasurer for prorated dues.

How To Join: Simply mail the Member Application and Renewal Form along with your dues to the address above.

Internet Home Page : WWW.EASYSTREET.COM/OTVARC

ROHN Towers

- * New 25 and 45 in stock locally *
- * Gin Pole available for customer use *
- * Prices competitive with mail order *

Stan Griffiths, W7NI
18955 S.W. Blanton St.
Aloha, OR 97007-1230

Internet: W7NI@teleport.com
Phone: (503) 649-0837
FAX: (503) 591-1620

Project Night

**The second session on Tuesday, May 21st
will feature the
Twin-lead, rollup J-pole 2-M antenna.
See Page 8 for Details**

Most of us know the NOAA weather frequency in the Portland (162.550 if you didn't). How many of you know what the frequencies are around the rest of the state. Maybe you didn't even know that its not the same everywhere. Well have I got news for you:

Around the State of Oregon

Astoria 162.400
Brookings 162.550
Eugene 162.400
Medford 162.400
Pendleton 162.400
Roseburg 162.550

Bend/Redmond 162.475
Coos Bay 162.400
Klamath Falls 162.550
Newport 162.550
Portland/Estacada ... 162.550
Salem 162.475



Most modern 2-m receivers will allow you to tune to these frequencies for "Receive Only" so most of us carry our own weather radios around in our cars.

Ed Note: More Frequencies listed inside

Oregon Tualatin Valley Amateur Radio Club

PO Box 5132
Aloha OR 97006

Address Correction Requested

~~Al Bend WB7CIC~~
~~PO Box 5132~~
~~Aloha OR 97006~~

